

ABSTRACT OF THE DISCLOSURE

A network management system and graphical user interface for configuring a network connection between first and second service access points utilizes a configuration manager and information manager to provide a generic set of models so that different manufacturer's nodal processors and other network hardware can be inserted into the network with minimal changes to the software which controls the device. The system comprises an information manager including routing information for the network. The configuration manager operates to establish a connection across each subnet on the route by sending requests to element managers to program the subnet elements.